**Vijay Mano**

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**SUMMARY:**

* Overall 9+ years of experience in **Analysis, Design, Development, Testing and implementation** of Distributed and Enterprise and Web-based Client-Server applications using Java and J2EE technologies.
* Experience in **Agile (SCRUM), BDD and TDD** (Test Driven Development) software development methodologies.
* Experience in multi-tiered distributed environment, **OOAD** concepts, good understanding of Software Development Lifecycle (**SDLC**) and familiarity of Service Oriented Architecture (**SOA**).
* Expertise in design and development of web applications using **JSP**, **JavaScript**, **HTML5**, **CSS3**, **JQUERY**, **AJAX**, **JSON**, **DOJO**, **XSL**, **XSLT**, **Node**.**JS**, **Angular.JS**, **Backbone.JS**, **require.js**, **bootstrap**, **ExtJS** and single page applications (**SPA**) by using **JavaScript MVC** framework**, Angular JS**.
* Expertise in creating User Controls, Web Forms and client side validations using **JavaScript**, **jQuery Validate** and **Angular-JS**. Experienced in using **Backbone-JS** to connect the API’s which enforces the communication to the server.
* Knowledge of developing single page web applications by using **Angular2** with **typescript**/ **ES** and **jQuery** and working knowledge on **HTTP** access control **CORS** to enable cross-origin resource sharing in the project.
* Experienced in **ReactJS** and working with **React flux** architecture, **Redux** architecture using complex Object Oriented concepts in improving the performance of the websites.
* Expertise in developing and integrating enterprise applications using **Spring MVC, Spring IOC, Spring web flows**, **Spring Security, Spring Boot, Spring Batch Processing, Spring integration**.
* Extensive experience using **spring framework** and **ORM** mapping tools like **Hibernate** and **IBatis**, which implements Java Persistence **API** (**JPA**).
* In-depth knowledge of **Core Java& J2EE** with hands on experience on technologies like **Java Batch, Spring, Struts, JPA, Hibernate, iBatis, MyBatis, RESTful service Jersey JAX-RS, BeanIO and Oracle PL/SQL.**
* Strong knowledge on **Hibernate** and in using Hibernate Connection Pooling, **HQL**, **Collections**, **HibernateCaching**, **Hibernate Transactions.**
* Designed and developed **Microservices** business components using Spring Boot, Netflix OSS patterns and used various annotations such as @**Enable Auto Configuration**, @**SpringBoot Application**, and @**Enable Scheduling** in the spring application.
* Experience in using various **Amazon Web Services (AWS)** Components like **EC2** for virtual servers**, S3** and **Glacier** for storing objects, **EBS**, Cloud Front**, Elastic cache** and **Dynamo DB** for storing data.
* Experience in setting up the life cycle policies to back the data from **AWS S3 to AWS Glacier**, Worked with various **AWS, EC2 and S3 CLI tools.**
* Development experience with Core Java such as **IO**, **Multithreading, Collections**, **Exception handling**, **Networking**.
* Hands on experience in developing cloud hosted web applications and **REST APIs using Spring Boot** with embedded **Tomcat**.
* Expertise in design patterns including Front Controller, **Data Access Object, Session Facade, Business Delegate**, Service Locator, **MVC, Data Transfer Object and Singleton.**
* Used Continuous delivery / Continuous Integration (**CD/CI**) tools **Docker**, **Jenkins** to deploy this application to **AWS** and used **GIT** for Version Control of code for incremental development
* Experience in developing **PL/SQL**, **Stored Procedures**, **functions**, **triggers** using **Oracle** and comfortable working with databases like **SQL Server**, **DB2**, **No-SQL** and **MySQL.**
* Experienced with various application / web servers like **Web Sphere, J Boss, Web Logic, and Tomcat**.
* Experience in using Version Control Systems and Build tools **like TFS, CVS, Git, SVN and Ant, MAVEN, and Log4J**.
* Good knowledge on **NoSQL** Database like **MongoDB**, **Cassandra** to manage extremely large data sets.
* Extensive experience in testing on multiple operating systems including **UNIX, Sun Solaris, and Windows**.
* Hands-on experience developing new automation frameworks using **Protractor**, **QTP**, **Selenium**, **JMeter.**

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| **Languages** | * C, C++, Java (6/7/8), Groovy (2.4) |
| **Java Frameworks** | * Servlets (3.1), JDBC (3.0), JST, JSP 2.x, JSF, JMS, JPA, MyBatis, iBatis. |
| **Web Technologies** | * HTML5, CSS3, jQuery 2.2.4 , Bootstrap, AJAX, JSP, Dojo, JavaScript, Ext JS, Angular JS 2 , React JS 0.13, JSON, XML. |
| **Frameworks** | * Struts (2.0), Spring (3/4), Hibernate (4.2), Apache Camel (2.x), Swing, Apache Karaf, Apache CXF. |
| **Servers** | * Tomcat (8.x/ 9.x), Web Sphere (6.x), Web Logic (12.2.1) Red Hat JBoss Fuse, Glassfish Server (4.x). |
| **Databases** | * Oracle 10g/11g/12c, MySQL (5/6), MS SQL, IBM DB2, Mongo DB (3.x), Cassandra (3.x). |
| **Tools** | * Ant (1.x, Gradle (3.x), Maven (3.x), Log4j, Git (1.x/2.x), SVN (1.x), CVS (1.x.x)), JUnit (4.x), Selenium (3.x/ 4.x) Mockito), Hudson, Jenkins and Bamboo. |
| **IDE** | * Eclipse Luna(M6), Mars(M7), Neon(RC3), IntelliJ IDEA (15.x), Net Beans (8.x) |
| **Platforms** | * Windows (7/ 8/10), Windows Server 2008/12, Ubuntu (15.04), Red Hat Enterprise Linux. |

**TECHNICAL SKILLS:**

**Client: Fidelity Investments, Durham, NC Nov’15 – Present**

**Role: Sr.Java Full Stack Developer**

**Description:** Action Compare is a unique system which compares Action Service corporate action information to a client's custodian or proprietary data. The multisource, cleansed Action Service data is combined with client data to produce a composite corporate action summary record, specific to each client.

**Responsibilities:**

* Followed **Agile methodology** to iterate quickly on product changes, developing user stories and working through backlog, used **JIRA** to record and monitor the stories and backlogs.
* Architected, Designed and Implemented **SPA** (single page application) using **Angular JS** directives, expressions, routing capabilities for bookmarking, pipes and validations.
* Developed SPA with **Angular JS 2, Typescript, Bootstraps, HTML and Angular JS CLI**.
* Developed **components and test cases for Directives, Pipes, Services,** modules by using **Jasmine, Angular test bed** for various pages in the application and tested them using **protractor**.
* Configured module wide routing in the application using **angular router** and created various route guards
* Writing and retrieving files to and from **AWS** S3 bucket for UI to render data faster that involves complex and time consuming server side logic.
* Used **Spring Cloud** and **Spring boot** to create **RESTful Micro Services** and deploy them to **docker** containers in **AWS**.
* Implemented **Micro Services** based Cloud Architecture on **AWS** Platform and **Cloud Foundry**
* Customized the build process to suit enterprise needs by developing custom **Maven** plugins, lifecycles and archetypes and Used **Git** as a version control to save the code.
* Implemented content based message router for outgoing **XML** web service requests to database.
* Developed web application using Struts **MVC** with spring core for DAO with **iBatis** and Oracle 11g.
* Created **POJO’s and DAO’s** for the database entities using **Spring JDBC** annotation mappings
* Designed, Developed, Enhanced, and maintained applications in Oracle using **PL/SQL** in Windows and **UNIX** environments.
* Performed Continuous Integration and **Continuous Deployment** (CI/CD) using **Jenkins** and **Dockers**.
* Testing and production support of core java based multithreading ETL tool for distributed loading XML data into **Oracle** database using **JPA/Hibernate**.
* Used **Java 8** features like **Lambda expressions** and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Development of cloud hosted web applications and **REST APIs using Spring Boot** with embedded **Tomcat**.
* Worked on **AWS**, High Availability Practices and deploying **backup/restore infrastructure**
* Developed **Spring REST** controllers to serve data in **XML and JSON** format and configured application using **Maven**.
* Utilized Map Force to perform mapping between XML schemas, consumed and exposed web services and Restful Web services API using JAX-RS specification.
* Responsible for writing unit test cases using **MOCHA** and **CHAI** and end to end test cases using **PROTRACTOR**.
* Deployed application into **Docker** container and monitored on **GitHub**.
* Used **Jenkins** to deploy the applications onto **Dev, QA, UAT** environments and Involved in configuring builds using **Jenkins** with **Git**.

**Environment:** J2EE , JDK 1.8, Velocity 1.7, Hibernate 4.2, spring 4.2, Log4j, Xml, Angular 2,Typescript, Angular-CLI, Node-JS, Webpack, Jasmine, Karma, Restful, RabbitMQ, Tomcat, JQuery, JSON, JAXRS, Linux, Maven, AWS, Cloud, PL/SQL, Oracle 12c, Toad.

**Client: Fidelity Business Services India Private Limited, India Feb’13 – Oct’15**

**Role: Sr.Java Developer**

**Responsibilities:**

* Involved in all phases of Software Development Life Cycle and in Analysis, designed applications using Agile methodology.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **DHTML**, **HTML5**, **ReactJs**, **CSS**, **AJAX**, **JavaScript**, and **jQuery**
* Implemented Web-Services to integrate between different applications (internal and third party components using **RESTful** services using Jersey.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using **Jenkins** along with **LINUX** Shell scripts to automate routine jobs.
* Exposure and built applications using React JS with ES6 which allowed us to render pages on both the client and server using the same codebase.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (**SPA**) and React-**Redux** **thunk** to make REST API calls.
* Implemented MVC architecture by using Struts to send and receive the data from front-end to business layer.
* Working with React Router for developing Single Page Applications **SPAs**.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the database.
* Experience on Full Stack development of Loan Module customization for ENBD bank using **Spring** **MVC**, **Hibernate**, **iBatis** and **Oracle Sql/Pl-sql**.
* Created an AWS S3 Bucket using **AWS** Web Management console that should be logged in using User credentials.
* Used Hibernate, Object/relational-mapping (**ORM**) solution, technique of mapping data representation from **MVC** model to oracle relational data model with a SQL-based schema.
* Designed and developed a module to publish the claim files to the created AWS S3 (cloud storage) Bucket using AWS Java SDK and integrated it to the application.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Experience in designing and implementing **AWS** Solutions using EC2, S3, EBS, Elastic Load balancer (ELB), VPC and Cloud Formation.
* Established connections with other applications by using RabbitMQ and JMS
* Analyzed code coverage report from Jenkins to improve code coverage and configured multiple plugins in deploying applications onto Tomcat. Worked with ATT in Production to resolve Apache tomcat problem.
* Worked on Java EE concepts like Servlets, **JMS** & **EJB** to receive orders in the form of **XML’s** from market place to validate, parse, extract, and persist in **Oracle** XE.
* Using JQuery for event handling and **AJAX** interactions for rapid Web development.
* Developed Restful Web services using Spring **MVC** Framework. JSON data is returned to JavaScript clients.
* Written test cases using Junit testing framework and java based log 4j as logging framework.
* Integrated the web interface to the backed **CSM** applications written in spring framework and Worked on persistence layer using ORM tool Hibernate with **My SQL** Database. Develop/capture/document architectural best practices for building systems on **AWS**.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using **SeleniumIDE**, **SeleniumGrid**.
* Created DB Tables according to the client’s requirements and inserted rows and Performed DDL and DML operations in database.

**Environment:** MySQL, Java, JMS, Spring4.0, Hibernate 3.2, Servlets, JDBC, Restful Web services, Web Sphere, AJAX, JQUERY, RabbitMQ, ReactJs v0.13, Java Script, PL/SQL, HTML, CSS, CXML, GUI, Eclipse(Mars), AWS Cloud, Tomcat, SVN, Agile.

**Client: Oracle Financial Services Software Limited, India Jan’11 – Feb’13**

**Role: Java Developer**

**Responsibilities:**

* Translate business requirement into technical requirements.
* Designed application using **J2EE** design patters.
* Responsible for overall design & analysis of UI component development and integration with backend **J2EE**.
* Involved in complete development using the ‘Agile Development Methodology’ and testing the application.
* Responsible for development of middleware components using **EJB** and Hibernate to meet the business requirements.
* Responsible for implementing design patterns using Struts to interact with backend J2EE and Web Services layer to pull out the data to UI components.
* Developed applications based on Spring 2.0 and **Struts** **1.2** frameworks.
* Designed CSS for application wide usage.
* Implementation plan for migrating from **iBatis** to **MyBatis** framework.
* Responsible for developing and deploying the application to WAS Environments, which included packaging EAR components for installation.
* Designed tables in **DB2** and Main Frame DB2.
* Used JUnit to unit test the application.
* Actively participated and provided feedback in a constructive and insightful manner during daily Stand up meetings and weekly Iterative review meetings to track the progress for each iterative cycle and figure out the issues.

**Environment:** Java, J2EE, Spring, Spring Batch, Spring MVC Struts, Oracle, PL/SQL, IRAD, WebSphere, Web Services, WSDL, XML, JavaScript, jQuery, CSS, CVS, JUnit.

**Client: National Australia Bank, India Jul’10 – Dec’10 Role: Java Developer**

Being part of Oracle’s OBP development team, Core banking product based on Oracle ADF and SOA suite is being developed along with National Bank of Australia. This is at the realm of Oracle’s offering to banking world which will position Oracle as a competitor to SAP in Financial Domain.

**Responsibilities:**

* Created Mule Flow for different business processes in the Application.
* Creating business rules for Balance transfer and Quick Cash services using Drools.
* Created the UI part of the application using Spring **MVC**, **xhtml** and **JQuery**.
* Created Nexus repository for the project to reduce Internet dependency on Developer machines.
* Was the POC for external entities (NI, Insolutions) to sort out issues in message formats.
* Created a custom connector in **Mule** to Connect to Core Banking System T24.
* Created Test Cases to Test the different Services.
* Migrated Retail Banking, Corporate Banking and other associated J2EE applications hosted in **OC4J** to **JBOSS** AS in production seamlessly.

**Environment:** Java, J2EE, Tomcat, log4j, MySQL, Eclipse, Java Script, CSS, HTML.

**Client: Saya Info Net India Limited, India Jun’08 – Jul’10 Role: System Analyst**

**Responsibilities:**

* Involved in maintenance of the project.
* Understanding the project life cycle.
* Basics of Programming.
* Developing web Application using **J2EE** concepts.
* Involved in development of Java, JSP, Servlet components development and deployment.
* Configured connection pools and establish a connection with **MySQL**.
* Designed and developed Data Access Objects (**DAO**) to access the database. Used DAO Factory and Value object design patterns to organize and integrate the Java objects.
* Preparation of Case Study and Modules.
* Preparation of Test Cases.

**Environment:** Java, J2EE, MySQL, Eclipse, Java Script, CSS, HTML.

**EDUCATION:**

* Master of Science (M.Sc.) in Information Technology.